

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

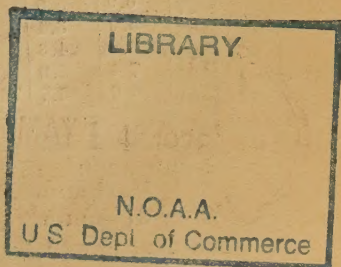
LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

JANUARY, 1928

J. A. BROWN, DIRECTOR

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QC
990
.L4
M6
1928

JANUARY 1928

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun- shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	765.2	764.2	764.6	764.7	20.8	14.7		6.8	
2	4.6	3.0	3.3	3.6	19.2	13.4		3.1	
3	3.9	3.0	4.6	3.8	18.2	13.4		4.5	
4	5.4	4.7	5.8	5.3	17.8	12.8		3.6	
5	7.4	6.4	1.1	5.0	17.7	12.8		5.0	
6	766.4	764.1	763.8	764.8	15.7	10.9		5.1	
7	10.9	2.2	759.1	0.7	16.7	11.7		0.0	21.33
8	757.2	754.0	4.4	755.2	16.1	11.2		0.0	20.44
9	8.6	9.9	762.0	760.2	16.2	8.4		0.0	7.99
10	763.9	764.3	5.6	4.6	15.0	7.9		9.0	
11	765.6	763.9	764.3	764.6	15.0	9.7		2.1	
12	3.1	1.9	3.2	2.7	15.8	11.4		1.2	
13	3.2	1.7	1.7	2.2	17.3	13.3		6.2	
14	1.1	0.2	1.5	0.9	18.3	14.7		1.8	5.20
15	1.4	759.8	0.2	0.5	17.5	12.2		0.6	0.51
16	760.4	759.8	761.0	760.4	17.7	12.8		0.4	22.22
17	3.0	762.4	3.6	3.0	17.4	11.8		0.0	2.41
18	4.6	3.3	4.7	4.2	17.9	11.7		3.0	22.34
19	5.3	3.5	3.4	3.7	17.3	12.2		6.4	
20	759.8	758.6	1.3	759.9	17.7	13.4		2.7	2.79
21	763.3	762.4	763.4	763.0	16.7	12.2		4.5	
22	3.9	4.0	4.6	4.2	17.1	12.8		5.8	0.76
23	3.8	2.2	2.9	3.0	18.3	11.7		7.2	
24	5.2	5.1	6.6	5.6	20.4	11.1		6.9	6.22
25	8.1	7.2	8.4	7.9	17.4	11.8		9.5	
26	767.6	766.5	767.0	767.0	17.4	10.4		9.8	
27	6.9	5.0	5.4	5.8	16.5	9.4		7.9	
28	5.0	3.4	3.3	3.9	15.0	10.6		7.1	
29	3.8	4.3	5.7	4.6	17.1	10.8		9.7	
30	7.4	5.9	6.8	6.7	17.0	11.1		9.2	
31	6.6	5.7	766.6	6.3	17.3	13.1		3.6	
	763.95	762.99	763.25	763.48	17.27	11.8		4.6	3.61

BAROMETER

Maximum 768.4 on 25th
Minimum 754.4 on 8th

THERMOMETER

Maximum 20.8 on 1st
Minimum 7.9 on 10th

RAINFALL

Maximum 22.34 on 18th

Number of days with rain 11, fog 2, thunderstorms 1 gales 0

JANUARY 1928

METEOROLOGICAL REGISTER

University

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	17.3	18.2	16.7	17.4	13.4	13.9	13.4	9.3	9.3	9.6	9.4	63	60	68	64
2	15.2	17.2	16.2	16.2	12.5	13.5	12.2	9.2	9.4	8.5	9.0	72	66	62	67
3	15.0	17.3	14.4	15.6	11.4	12.6	11.6	8.2	8.3	8.7	8.4	64	57	71	64
4	15.5	16.9	14.9	15.8	12.1	11.3	11.1	8.7	7.2	7.8	7.9	66	49	63	59
5	14.7	14.8	13.6	14.4	11.1	11.3	10.5	7.9	8.2	7.9	8.0	64	65	68	66
6	12.8	16.3	14.3	14.5	8.8	11.8	12.1	6.6	8.0	9.3	8.7	60	57	77	65
7	15.6	13.7	12.2	13.8	12.8	11.6	10.1	9.4	8.9	7.9	8.7	71	76	75	74
8	14.2	16.0	15.7	15.3	13.0	13.7	13.4	10.4	10.3	10.2	10.3	85	76	76	79
9	8.7	9.4	8.7	9.0	7.2	8.4	7.2	6.8	7.6	6.7	7.0	82	87	79	83
10	12.8	14.5	11.1	12.8	8.8	10.1	8.3	6.8	7.1	6.8	6.8	61	58	69	63
11	12.7	15.6	17.8	15.4	8.9	11.9	15.4	6.6	8.5	11.5	8.9	59	64	76	66
12	14.3	17.1	13.9	15.1	10.3	13.6	9.9	7.4	9.5	7.2	8.0	60	66	62	63
13	16.6	17.5	15.0	16.4	12.8	14.5	11.0	9.0	10.5	8.8	9.4	64	70	80	71
14	15.6	15.2	12.8	14.5	12.5	13.1	12.6	9.1	10.0	10.8	10.0	69	78	97	81
15	14.6	17.2	14.7	15.5	11.7	12.8	10.6	8.7	8.6	7.4	8.2	70	59	59	63
16	16.1	16.8	13.3	15.4	11.9	14.6	10.2	8.1	10.7	7.8	8.9	60	73	68	67
17	13.9	14.9	13.3	14.0	11.1	11.5	11.2	8.3	8.3	8.7	8.4	70	66	76	71
18	13.5	16.7	13.7	14.6	12.9	13.4	11.2	10.7	9.5	8.5	9.6	92	68	72	77
19	13.6	16.0	15.6	15.1	10.2	13.1	12.2	7.5	9.5	8.7	8.6	65	71	66	67
20	18.8	17.3	12.5	16.2	12.1	13.2	10.6	7.4	9.0	5.8	7.7	45	61	77	61
21	14.8	16.1	14.2	15.0	11.7	12.2	11.2	8.6	8.5	8.3	8.5	68	62	69	66
22	15.0	17.6	15.9	16.5	11.0	13.9	12.3	7.2	9.6	8.6	8.5	56	64	64	61
23	16.5	18.4	15.8	16.9	13.3	13.9	10.6	9.5	9.2	7.0	8.6	68	58	52	59
24	15.6	16.8	14.3	15.6	12.5	13.9	12.3	9.1	10.1	9.5	9.6	69	70	78	72
25	15.1	16.2	13.9	15.1	11.8	12.2	11.1	8.5	8.5	8.3	8.4	66	61	70	66
26	13.9	16.4	14.3	14.9	10.3	10.9	8.9	7.5	9.6	6.2	7.8	63	51	50	55
27	13.6	14.9	12.1	13.5	8.3	9.4	8.1	5.9	6.3	6.2	6.1	50	50	59	53
28	12.6	15.6	13.8	14.0	8.1	10.9	9.6	5.8	7.0	6.8	6.5	51	54	58	54
29	14.5	16.5	13.7	14.6	9.9	10.1	9.5	6.9	6.7	6.8	6.8	56	51	59	55
30	15.0	16.7	15.4	15.7	9.8	10.9	9.9	6.6	7.0	6.6	6.7	52	49	51	51
31	15.0	18.4	15.0	16.1	10.4	11.2	11.6	7.1	6.6	8.3	7.3	56	42	66	55
	14.61	12.20	14.15	14.99	11.05	12.23	10.96	8.09	8.62	8.20	8.28	64.42	62.58	68.30	65.10

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.: above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

JANUARY 1928
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	8str.ni	5ci cu	8str.ni	7.0	1w	1w	2w	203.5	mod.	
2	8str.cu	8str.cu	2str.cu	6.0	0	1se	4ne	98.7	light	lunar corona
3	8str.cu	3str.cu	6ci str.	5.6	1s	2	1w	401.7	rough	
4	6str.cu	5str.cu	8str.cu	6.3	1s	1s	0	101.6	mod.	
5	1	2	3str.cu	2.0	1n	0	1n	368.0	slight	
6	4str.cu	9ni	9ni	7.3	1ne	0	1	63.4	a. calm	
7	9str.ni	9ni	4ci cu	7.3	3w	1s	1s	192.6	mod.	t.l.t.d.dy.&n.
8	10ni	10ni	8str.ni	9.3	3s	4s	6s	421.8	strong	
9	10ni	9ni	1	6.7	7e	2e	1se	616.0	rough	rainbow & hl.
10	2	2	1	1.7	1se	1w	1	29.6	calm	
11	6str.cu	7str.cu	0	4.3	1se	0	1se	23.6	"	
12	9ni	2str.cu	0	3.6	1e	0	0	43.3	"	
13	6str.cu	6str.cu	0	4.0	1	1	1s	23.1	light	
14	10ni	8str.ni	1	6.3	0	1ne	0	117.7	mod.	
15	6str.cu	10ni	0	5.3	1se	2e	0	124.5	"	
16	6str.cu	6str.cu	5str.ni	5.7	1w	3w	0	169.1	slight	
17	10ni	8str.ni	10ni	9.3	2s	2s	1	454.0	"	
18	8ni	6str.cu	1	5.0	1s	2s	0	339.9	mod.	
19	6str.cu	4ci cu	0	3.3	1se	1n	2n	238.2	"	
20	2str.cu	6str.cu	1str.	3.0	1ne	0	0	170.2	light	
21	2str.cu	8str.ni	0	3.3	1s	2s	0	184.0	"	
22	3str.cu	8ni	0	3.7	0	1e	0	84.3	calm	
23	7str.ni	8str.cu	1	5.3	2se	3e	0	183.4	slight	
24	3	6str.cu	3ni cu	4.0	0	1s	0	123.4	light	
25	1	1	1	1.0	0	2n	0	254.6	"	
26	1	1	1	1.0	0	2n	3n	237.9	slight	
27	0	8str.ni	1	3.0	1ne	1s	0	248.1	light	mist in mor.
28	8ni	2str.	0	3.3	0	1n	0	124.9	"	
29	0	1	2str.	1.0	0	2n	1n	198.9	"	
30	1	2	0	1.0	0	1n	0	214.0	"	haze in mor.
31	8str.ni	8str.ni	1str.	5.7	0	0	0	30.3	calm	lunar corona
				4.56				202.85		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	3	2	5	6	1	3	0	10
2:30	6	1	4	1	8	2	3	0	6
8:30	4	1	0	2	3	3	2	0	16
Totals	11	5	6	8	17	6	8	0	32

N. B. — Cloud numbers without letters are all cu.
Wind " " " " " SW